

BUILD	THORN NOMAD Mk3 AB Special with 700c wheels, Rohloff hub gears and either straight or drop bars.	
7	Builds 7a (straight bars) and 7b (drop bars)	<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="background-color: yellow; padding: 2px;">Starting from around £3400</div> <div style="background-color: #333; color: white; padding: 2px;">Issue 3</div> </div>

The 700 x 40c AB Special is able to carry a lightweight camping load in 2 large panniers on the rear, which gives it a weight advantage, as well as an aerodynamic advantage when compared against a bike which has to carry front and rear panniers.

The 700c AB Special is an outstandingly efficient machine for light to medium weight touring.



SIZE 55L



SIZE 47S/T

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Nomad Mk3 Rohloff AB 700c Special

This is a very specific machine. It uses a Mercury 853 V brake fork and the light 700c wheels from the Mercury build. It also includes the Airy titanium rear carrier. The resulting machine is almost as light as a 700c Mercury with identical 853 fork, wheels, tyres and carrier but, thanks to the Nomad's longer chainstays, it will carry up to 24kg of luggage, when required, on the rear carrier alone. (Which is more than enough for lightweight cycle camping) This has 3 benefits - (1) The 853 fork provides unsurpassed comfort. (2) Carrying the load entirely on the rear of the bike means that the effects of strong headwinds are reduced. (3) The Nomad Mk3 AB 700c Special actually weighs less than a Mercury 700c set up to carry the same payload. (To carry 24kg a Mercury would need to be equipped with the Thorn Standard fork and lo-loaders.) **But note:** when carrying very light loads, a Mercury with identical 853 fork, wheels, tyres and Airy carrier would feel more lively.

With the appropriate tyres, the AB 700c Special is also extremely capable on gravel roads. Provided it's ridden with due care, We're sure that the younger generation of "hammock and tarp" adventurers would find this the ideal machine. If you worry (needlessly in our experience) what you would do if you encountered problems with your hub, it will give you confidence to know that the Mk3 is capable of being fitted with derailleur gears. The Mk3 is also equipped with a gate to allow you to fit belt drive, if you must have it, once you've determined what spread of gears you need.

The Nomad Mk3 AB 700c Special is equipped with a rear disc brake and a V front brake.

Build 7a straight bars

Wheels...Deore Black front hub. DT Swiss TK 540 32h 700c rim. **Or Son 28 dynohub.** [Black Rohloff disc rear hub.](#) [DT Swiss TK 540 32h 700c disc rim.](#) [Hope 160mm rotor for Rohloff.](#)

Tyres...Schwalbe Marathon Supreme 40c tyres + tubes and tapes or upgrade to tubeless— Schwalbe Marathon Supreme 40c, Schwalbe HS472 G-One speed 40c, Schwalbe HS 473 G-One Allround 40c or Schwalbe HS473 G-One bite 40c. All tubeless options now use ultra lightweight tubes with sealant. For heavier duty use choose Schwalbe Marathon Almotion 40c. For heavier duty use choose Schwalbe Marathon Almotion 40c.

Brakes F...Shimano XT V brake. R...TRP Spyke cable operated disc brake with TRP rotor. Levers...Shimano XT

Bars...Thorn FFT bars 620mm (or cut to suit). Grips...Ergon GP5L. Stem...Kalloy AS-021 UNO (or similar oversize stem) to suit customer's set up dimensions. Rohloff gear shifter.

Gearing...Thorn black 104 BCD 170mm (or length to suit customer's dimensions) Thorn 40t single 104 BCD chainring (or customer's choice) Rohloff 17t splined sprocket. (or customer's choice). KMC Rohloff-specific chain.

Accessories...3 x Profile bottle cages, SKS black mudguards, Airy titanium carrier. (Option to fit Tubus Vega instead. Option also for the neat installation of the superb Moon Pulsar rear LED light)

Saddle...Thorn Velo saddle, men's or women's (as appropriate) or option to have no saddle or upgrade to any other saddle stocked by SJS Cycles.

If you are certain that you want to have dropped bars, which necessitate a fairly sporty riding position, for this style of cycling, we can oblige.

Build 7b drop bars

The wheels, Tyres, Accessories and Saddle options are the same as with the straight bar build above - only the brakes and bars are different.

Brakes...F&R TRP Spyke cable operated disc brakes with Hope Rohloff rotor. Levers...Tektro drop bar levers for V brakes.

Bars...Van Nicholas 44cm dropped bars with black cork tape. Van Nicholas stem. Rohloff gear shifter.

You may specify the appropriate Son Dynohub instead of the listed hub, whichever specification you choose.

M6 stainless bosses for rear carrier.

Thorn stainless seat clamp and shim for supplied 27.2mm industry standard 400mm seat post

M5 stainless bosses for direct fitting of mudguards - also on chain stay bridge



High quality FSA aerospace headset

Thorn stainless guides for Rohloff or for derailleurs cables.

Chunky reinforcing Gusset

400mm 27.2mm micro adjust post and 29.8mm shim

Thorn Nomad Mk3

All 8 tubes are cold drawn, heat treated seamless Cr-Mo. Tyre clearance for 26 x 2.5", 650 x 2.35b or 700 x 40c with disc brakes.

Size shown 55L

Removable Thorn CNC brake pivots for either 26" or 650b (27.5") rims



Thorn stainless guides for rear brake.

ISO disc mount

Curved braces for extreme rear end strength

Stainless guides for Rohloff cables

3 sets of bottle bosses

Stainless guides for Derailleur cables

M6 Stainless boss for headlight

M6 stainless bosses for Lo-Loader

2 x M5 Stainless bosses for direct fit M/G

M6 stainless bosses for M/G stays

Stainless ISO disc mount

Thorn Mk3 Steel Disc Fork 110 X 15mm Boost Through Axle

Stainless coupling for provision for Gates Belt



Thorn Mk3 eccentric and stainless Mk3 eccentric shell



Thorn stainless socketed dropouts and alternative CNC inserts for Rohloff or for derailleurs gears

Also available in 2 Step Through sizes



THORN NOMAD Mk3 BIKE GEOMETRY

All dimensions except frame sizes are given in mm.

MODEL	SIZE In cm	FRAME TUBE DIAMETERS	SEAT TUBE C to C	SLOPE	HEAD TUBE	VIRTUAL TOP TUBE C to C	BB Drop	SEAT ANGLE In degrees	CHAIN STAY	FORK OFFSET	MIDTUBE Standover HEIGHT	S/O at front of top tube
THORN NOMAD Mk3 700c THORN 969 Seamless, Double butted Heat treated Cro-Mo frame & stays	40 S/T	MEGA OVERSIZED FRAME TUBES	440 Centre to Top	Step Through frame 180mm Head Tube		545	55	74°	441	60		
	47 S/T		505 Centre to Top	Step Through frame 230mm Head Tube		580	50	73°	453	53		
	50S	31.8 top tube 31.8 seat tube	400	100	105	535	55	74°	435	60	740	770
	50L	34.9 down tube	400	100	94	570	55	73.5°	453	53	740	770
	52S	19 seat stays	430	90	127	545	50	73.5°	441	60	765	765
	52L	.91/6/.9 gauge	430	90	116	585	50	73°	459	53	765	765
	55S	Inc shim to fit Industry standard 27.2 seat post	470	80	154	555	50	73°	447	60	815	820
	55L		470	80	141	600	50	72.5°	466	48	815	820
	58S		505	75	182	570	45	73°	453	53	820	865
	58L		505	75	172	615	45	72°	472	48	820	865
	61S		540	70	211	585	40	72.5°	459	48		
	61L		540	70	208	635	40	72°	479	48		

Bike luggage carrying capabilities.

You can add a 2kg bar bag + up to 3 x 1litre (1kg) bottles.

Please note that it's our opinion that "relaxed sweet handling" is seldom achievable with a 2kg bar bag.

OVERALL WEIGHT LIMIT RIDER + LUGGAGE 130kg 115kg with 853 fork	FAIRLY GOOD QUALITY SEALED ROADS			ROUGH DIRT ROADS/OFFROAD With due care and attention			
	MAX POSSIBLE on FRONT AND REAR RACKS. Care may be needed out of the saddle.	RECOMMENDED MAX on FRONT and REAR RACKS for RELAXED, SWEET HANDLING	RECOMMENDED MAX REAR ONLY loads for RELAXED, SWEET HANDLING	MAX POSSIBLE on FRONT AND REAR RACKS. Care may be needed out of the saddle.	RECOMMENDED MAX on FRONT and REAR RACKS for RELAXED, SWEET HANDLING	RECOMMENDED MAX REAR ONLY loads for RELAXED, SWEET HANDLING	
NOMAD Mk3 700c	No option for front panniers with 853 fork			25 kg	No option for front panniers with 853 fork		20 kg

Links to other documents.



[CLICK HERE](#)
For "THORN TOURING BIKE BIBLE"
This is a 24mb file; it may take considerable
time for it to open

[CLICK HERE](#)
For "LIVING WITH a ROHLOFF HUB"
This is a 35mb file; it may take considerable
time for it to open, please be patient.

All of our solo bikes are available in 4 colours - however, it's always the case that some colours in some sizes will sell out. The frames and forks are all ED coated and given a primer, before a coat of Du Pont Imron twin pack paint is applied and cured. A twin pack lacquer is then applied and cured. Our decals are now high quality self-adhesive decals and replacements are available. Please note that because Imron is twin pack, we can't supply touch up paint.

The 4 colours are as follows:

